

In the Specification:

Please replace the paragraph beginning at page 4, line 26, with the following:

A1
--Figure 4 shows dominant negative mutants generated for target validation studies. hMRE11 = SEQ ID NO:3; SCNMRE11 = SEQ ID NO:4; consensus peptides = SEQ ID NOS:5-18.--

Please replace the paragraph beginning at page 6, line 2, with the following:

A2
--Figure 29 shows an oligonucleotide duplex substrate (SEQ ID NOS:19 and 20) for MRE11 plate-based assay.--

Please replace the paragraph beginning at page 39, line 9, with the following:

A3
--Common linkers such as peptides, polyethers, and the like can also serve as tags, and include polypeptide sequences, such as poly Gly sequences of between about 5 and 200 amino acids (SEQ ID NO:21). Such flexible linkers are known to persons of skill in the art. For example, poly(ethylene glycol) linkers are available from Shearwater Polymers, Inc., Huntsville, Alabama. These linkers optionally have amide linkages, sulfhydryl linkages, or heterofunctional linkages.--

✓
Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 11, at the end of the application.